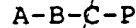


P a t e n t C l a i m s :

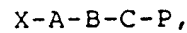
1. A process for preparing a desired protein having the formula:



5 wherein a) A is Lys or Arg, and B and C are arbitrary amino acids, or

 b) A is an arbitrary amino acid different from Pro, Lys and Arg, and B and/or C is Pro,

10 and P are in both cases the residual amino acid sequence in the desired protein, c h a r a c t e r i z e d in that a biosynthetically formed amino terminal extended protein having the formula:



15 wherein A, B, C and P are as defined above, and X is an amino acid sequence having an even number of amino acids, of which the first one, seen from the N-terminal end, is different from Lys and Arg, all other uneven amino acids are different from Pro, Lys and Arg, and all even amino acids are different from Pro, is reacted
20 with the enzyme dipeptidyl aminopeptidase I (DAP I).

2. A process according to claim 1, c h a r a c t e r - i z e d in that the last amino acid in the amino acid sequence X, before A, is an amino acid with a charged side chain.

25 3. A process according to claim 2, c h a r a c t e r - i z e d in that the last amino acid in the amino acid sequence X is Glu or Asp.

Adel

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